

In the Claims:

Listing of all claims:

1           1.   (Currently amended) A welding power source capable  
2   of receiving a range of input voltages, comprising:  
3           an input rectifier configured to receive an ac input  
4   and providing a first dc signal;  
5           a ~~dc voltage~~ boost stage configured to receive the  
6   first dc signal and providing a boosted second dc signal;  
7           an inverter configured to receive the second dc signal  
8   and providing a second ac signal and configured to receive  
9   at least one control input;  
10          an output transformer configured to receive the second  
11   ac signal and providing a third ac signal having a current  
12   suitable for welding;  
13          an output circuit configured to receive the third ac  
14   signal and providing a welding signal;  
15          a controller configured to provide at least one control  
16   signal to the inverter; and  
17          an auxiliary power controller configured to receive a  
18   range of input voltages and providing a control power signal  
to the controller.

2. - 24   Cancel